

DatabaseHelper.java

```
package pplgl.latihan;

import android.content.ContentValues;
import android.content.Context;
import android.database.Cursor;
import android.database.sqlite.SQLiteDatabase;
import android.database.sqlite.SQLiteOpenHelper;

public class DatabaseHelper extends SQLiteOpenHelper {

    public static final String DATABASE_NAME = "data_siswa.db";
    public static final String TABLE_NAME = "table_siswa";
    public static final String COL_1 = "nis";
    public static final String COL_2 = "nama";
    public static final int DATABASE_VERSION = 1;
    public SQLiteDatabase db;

    public DatabaseHelper(Context context) {
        super(context, DATABASE_NAME, null, DATABASE_VERSION);
        db = this.getWritableDatabase();
    }

    @Override
    public void onCreate(SQLiteDatabase db) {
        db.execSQL("CREATE TABLE table_siswa(nis text null,nama text null)");
    }

    @Override
    public void onUpgrade(SQLiteDatabase db, int arg1, int arg2) {
        db.execSQL("DROP TABLE IF EXISTS "+TABLE_NAME);
        onCreate(db);
    }

    //method menambahkan data
    public boolean insertData(String nis, String nama) {
        db = this.getWritableDatabase();
        ContentValues contentValues = new ContentValues();
        contentValues.put(COL_1, nis);
        contentValues.put(COL_2, nama);
        long result = db.insert(TABLE_NAME, null, contentValues);
        if(result == -1){
            return false;
        }else{
            return true;
        }
    }
}
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//method menampilkan data
public Cursor getAllData(){
    db = this.getWritableDatabase();
    Cursor res = db.rawQuery("select * from table_siswa",null);
    return res;
}

//method ubah data
public boolean updateData(String nis, String nama){
    db = this.getWritableDatabase();
    ContentValues contentValues = new ContentValues();
    contentValues.put(COL_1, nis);
    contentValues.put(COL_2, nama);
    db.update(TABLE_NAME,contentValues, "nis = ? ", new String[]{nis});
    return true;
}

//method hapus data
public int deleteData(String nis){
    db = this.getWritableDatabase();
    return db.delete(TABLE_NAME, "nis = ? ", new String[]{nis});
}
```